

What is claim is :

1 - Equipment for repairing biological tissue, such as a tendon or a ligament, and in particular a calcanean tendon (13), comprising :

5 - a link (3) whereof portions (4) may be inserted through fragments of the biological tissue to be repaired, and

- elements (5) for stopping the link (3) relative to such fragments of tissue ;

equipment characterized in that :

10 - one of the stop elements is formed of a bone screw (2) which may be implanted in a bone surrounding the tissue to be repaired, in particular in the calcaneum (10) in order to repair the calcanean tendon (13) ;

- the link (3) forms a tubular part (6) in which one part of the screw (2) can be tightly inserted along with at least two cords (4) which can be inserted through the fragments of the biological tissue to be repaired, in particular the two fragments of a broken calcanean tendon (13), and

15 - other stop elements comprise at least two stop buttons (5).

20 2 - Equipment according to claim 1, characterized in that the screw (2) and/or the link (3) and/or the stop buttons (5) are made of a bioresorbable material.

3 - Equipment according to claim 1 or to claim 2, characterized in that the screw (2) is preferably a so-called "interference" screw, i.e. deprived of a head and controlled via a prismatic cavity emerging into the proximal end thereof.

25 4 - Equipment according to claims 1 to 3, characterized in that the tubular part (6) of the link (3) is realised by knitting threads in the form of a sock, and the cords (4) are realised by weaving said very threads.

5 - Equipment according to one of claims 1 to 4, characterized in that the link (3) includes four cords (4).

30 6 - Equipment according to one of claims 1 to 5, characterized in that each cord (4) exhibits a rigidified free end to easier insertion thereof through the eye of a needle.

7 - Equipment according to one of claims 1 to 6, characterized in that each stop button (5) comprises one or two through-holes (7), for the

engagement thereof on a cord (4) and the immobilisation thereof relative to the latter by ligature.